

ABSTRACT OF THE DISCLOSURE

In a radio reception apparatus compatible with adaptive modulation, based on a received IQ signal processed by a reception processing unit, a determining unit calculates EVM that corresponds to a magnitude of shift-off between a true symbol point and the received symbol point. The calculated EVM is averaged and thereafter applied to a control unit. The control unit compares the applied EVM with a prescribed threshold value, and determines with high accuracy, switching among a plurality of modulation methods having different multi-value numbers.